Multidisciplinary Management of Head and Neck Cancer and Thyroid and Parathyroid Diseases

A Comprehensive Program Including Didactic Sessions, Cadaver Dissections, and Roundtable Discussions with International Leaders in the Field

Mark L. Urken, MD
Daniel Buchbinder, DMD, MD

Sponsored by
The Departments of Otolaryngology at:
Albert Einstein College of Medicine
Beth Israel Medical Center

CME Credit Certified by Beth Israel Medical Center and Saint Luke’s - Roosevelt Hospital Center

APRIL 9th - 17th, 2005
THYROID AND PARATHYROID DISEASES

Saturday, April 9th, 7AM - 7PM at Beth Israel Medical Center
Thyroid and Parathyroid Diseases

Sunday, April 10th, 7AM - Noon at Beth Israel Medical Center
Basic Course on Ultrasound for Thyroid and Parathyroid Diseases and Cervical Metastases

HEAD AND NECK CANCER

Monday, April 11th, 7AM - 6 PM at Beth Israel Medical Center
Lectures and Panel Discussions on Oral Cancer, Oropharyngeal Cancer and Sinonasal Cancer
6 PM - 8 PM
Multidisciplinary Breakout Sessions

Tuesday, April 12th, 7AM - 6PM at Albert Einstein College of Medicine
Cadaver Dissection and Lectures

Wednesday, April 13th, 7AM - 6PM at Beth Israel Medical Center
Lectures and Panel Discussions on Skull Base Surgery, Vascular Tumors, Head and Neck Melanoma, Oropharyngeal Cancer
6PM - 8PM
Multidisciplinary Breakout Sessions

Thursday, April 14th, 7AM - 6PM at Albert Einstein College of Medicine
Cadaver Dissection and Lectures

Friday, April 15th, 7AM - 5PM at Beth Israel Medical Center
Lectures and Panel Discussions on Laryngeal Cancer, Hypopharyngeal Cancer, Salivary Cancer

AO RESIDENT COURSES

Saturday and Sunday, April 16th and 17th at Beth Israel Medical Center
AO Resident Course with Lectures and Laboratories on the Management of Trauma and Rigid Fixation Techniques

LOCATIONS

Beth Israel Medical Center
Phillips Ambulatory Care Center
Conference Center - 2nd Floor
10 Union Square East (at 14th Street)
New York, NY 10003

Albert Einstein College of Medicine
of Yeshiva University
Jack and Pearl Resnick Campus
1300 Morris Park Avenue
Bronx, NY 10461
Mark L. Urken, MD, FACS  
Course Director, Chair

Chief, Division of Head and Neck Surgical Oncology, Department of Otolaryngology, 
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COURSE FACULTY

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Accreditation Statement
Beth Israel Medical Center and St Luke's-Roosevelt Hospital Center are accredited by the Accreditation Council on Continuing Medical Education to provide continuing medical education for physicians and take responsibility for the quality, content and scientific integrity of this activity.

Beth Israel Medical Center designates this continuing medical education activity for a maximum of 61 credit hours in Category 1 and credits towards the AMA Physician Recognition Award. Each physician should claim only those hours of credit he/she actually spent in the educational activity.

Faculty Disclosure Statement
It is the policy of Beth Israel Medical Center and St. Luke's-Roosevelt Hospital Center that faculty and sponsors disclose real or apparent conflicts of interest relating to the topics of this educational activity and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). Detailed disclosure information will be made available in the course handout materials.

Sponsored by: The Department of Otolaryngology, Beth Israel Medical Center
CME Credit Certified by: Beth Israel Medical Center and St. Luke's-Roosevelt Hospital Center

Course Objectives
This is a seven-day comprehensive course with didactic sessions, interactive discussions and a half-day practical course on ultrasound of the neck. Participants will gain expertise in the surgical and medical management of thyroid and parathyroid diseases, including a half day of demonstration and experience in the use of ultrasound for the neck as well as ultrasound-guided FNA techniques. Laboratory sessions will focus on nasal reconstruction, auricular reconstruction, orbital reconstruction, facial reanimation, nerve grafting and the contemporary surgical and organ preservation strategies in laryngeal cancer. In addition, participants will gain clinically useful knowledge in the contemporary management of head and neck cancers, with particular emphasis on specific subsites including the oral cavity, oropharynx, larynx, hypopharynx, skull base and salivary glands. Participants will gain knowledge and laboratory experience in reconstruction of the oral cavity, mandible, maxilla, larynx, cheek, orbit, auricle and skull base. They will also experience individualized demonstration and cadaver dissection of harvesting and inseting of regional and free flaps used in head and neck reconstruction. Particular attention will be given to performing osteotomies for contour of bone flaps used in maxillary and mandibular reconstruction.

Course Description
This course offers a combined didactic and laboratory program designed to provide the participants with the contemporary multidisciplinary approaches to decision-making in the management of head and neck cancer. Laboratory sessions will include a review of the anatomy and harvest techniques for all major free and regional flaps used in contemporary head and neck reconstruction. In addition, advanced reconstructive techniques in laryngeal surgery and auricular reconstruction will be reviewed. Insetting techniques for mandibular and maxillary restoration will be demonstrated and practiced. An entire day is set aside for the management of both benign and malignant diseases of the thyroid and parathyroid glands. A basic practical course on ultrasound of the neck will be presented in a half-day session. A variety of interactive sessions will provide the participants with the opportunity to interact with this world class faculty in small round-table discussions on specialized topics. (Enrollment to these sessions will be limited and offered on a first come basis.)

Target Audience
The thyroid and parathyroid program will be of interest to otolaryngologists, general surgeons, and endocrinologists, both in-training and in-practice, who are engaged in the management of patients with both benign and malignant diseases of these organs.

The head and neck program will be of interest to otolaryngologists, plastic surgeons, and oral surgeons who are in-training and who have completed their training and who are performing advanced head and neck ablative and reconstructive surgery.

Laboratory sessions will be tailored to the experience level of the participants.

ADA Statement
Beth Israel Medical Center and St. Luke's-Roosevelt Hospital Center fully intend to comply with the legal requirements of the Americans with Disability Act. If any registrant is in need of accommodation, please do not hesitate to submit written request at least one month prior to this activity.
Saturday, April 9th

7:00 - 7:30 AM  Registration and Breakfast

7:30 - 7:40  Introduction – Urken

Parathyroid Session
Moderator – Mechanick

7:40 - 8:20  Medical Management of Hyperparathyroidism and Current Guidelines for Parathyroid Surgery – Silverberg
8:20 - 8:35  Localization Techniques for Parathyroid Surgery – Bergman
8:35 - 9:05  Minimally Invasive Parathyroid Surgery – Randolph
9:05 - 9:20  Autotransplantation and Cryopreservation of Parathyroid Glands: What is the Evidence – Shindo
9:20 - 9:50  Parathyroid Panel Discussion
Moderator – Sofferman
Panel – Silverberg, Randolph, Shindo, Bergman, Mechanick

Thyroid Cancer
Moderator – Bergman

9:50 - 10:20  Thyroid Cytopathology – Baloch
10:20 - 10:40  Genetic Determination of Biologic Behavior of Well Differentiated Thyroid Cancer – Singh

10:40 - 11:05  Coffee Break

11:05 - 11:20  Anatomy of Cervical Lymph Nodes – Shindo
11:20 - 11:40  Imaging of the Neck: Ultrasound – Baskin
11:40 - 12:00  CT/MRI – Som
12:00 - 12:20  PET/RaI – Goldsmith

12:20 - 1:20  Lunch

1:20 - 1:40  Treatment of Cervical Metastases – Randolph
1:40 - 2:10  Thyrogen Stimulated Imaging and Treatment: Where Are We in 2005 – Tuttle
2:10 - 2:40  Genetics of Thyroid Cancer – Gagel
The Surgical Management of Invasive Thyroid Cancer Involving the Laryngotraceal Complex – Urken

Medullary Thyroid Cancer – Gagel

Coffee Break

Panel Discussion with Case Presentation
Multidisciplinary Panel
Moderator – Cobin
Panel – Randolph, Tuttle, Gagel, Urken, Goldsmith, Baskin

Management of Substernal Goiter
4:30 - 4:50 Who Needs Surgery? – Brett
4:50 - 5:20 How Do You Do It? How Do You Avoid Complications? – Har-El

Management of Graves Ophthalmopathy
5:20 - 5:50 Who needs orbital decompressive surgery? – Kazim
5:50 - 6:20 How do you do it? – Schaeffer

Complications in Thyroid Surgery
6:20 - 6:40 Management of Intraoperative and Postoperative Recurrent Laryngeal Nerve Injury – Sulica
6:40 - 7:00 Avoidance of Hypocalcemia: Intraoperative Measurement of PTH and Parathyroid Blood Supply – Sofferman

Course Adjourns

Sunday, April 10th

7:30 AM Registration and Breakfast

8:00 - 12:00 Practical Course on Ultrasound of the Thyroid, Parathyroid and Cervical Nodes – Sofferman, Mechanick, Cobin, Bergman, Brett, Baskin
Monday, April 11th

7:00 AM  Registration and Breakfast

8 - 8:15  Introduction – Urken, Sessions

Oral Cavity
8:15 - 8:45  Overview on Management of Oral Cancer – Persky
8:45 - 9:15  Molecular Biology of Oral Cancer – Wenig
9:15 - 9:45  Prognostic Histologic Factors in Oral Cancer – Brandwein
9:45 - 10:15  Reconstruction of Partial and Total Glossectomy Defects; Sensory Restoration – Urken

10:15 - 10:45  Coffee Break

10:45 - 11:30  Decision Making in Oromandibular Reconstruction – Urken
11:30 - 11:50  Dental Rehabilitation – Okay
11:50 - 12:20  Outcome Assessment in Oromandibular Reconstruction: Functional Results and Radiation Issues with Dental Implants – Buchbinder

12:20 - 1:20  Lunch

Midface
1:20 - 1:35  Palatomaxillary Defect Classification – Buchbinder
1:35 - 2:00  Prosthetic Restoration of Palatomaxillary Defects – Okay
2:00 - 2:40  Surgical Reconstruction of Palatomaxillary Defects – Urken

2:40 - 3:10  Coffee Break

3:10 - 3:40  Techniques in Orbital Reconstruction – Nerad
3:40 - 4:40  Aesthetic Reconstruction of Partial and Total Rhinectomy Defects – Burget
4:40 - 5:10  Principles of Eyelid Reconstruction – Nerad
5:10 - 5:30  Prosthetic Restoration of Orbital and Nasal Defects – Okay

5:30 - 6:00  Wine and Cheese

6:00 - 7:00  Breakout Sessions
Repeat
6:00 - 7:00  Contemporary Imaging of the Head and Neck – Som, Khorsandi

Contemporary Radiation Techniques for Surgeons: IORT; IMRT; Brachytherapy, Neutrons, Gamma Knife, Stereotactic RT – Harrison and Hu

Challenging Cases in Soft Tissue and Maxillo-mandibular Reconstruction – Urken, Funk, Hayden, Okay, Gilbert and Buchbinder

Molecular Biology for Surgeons – Frank, Wenig
## Tuesday, April 12th

**Laboratory □ Albert Einstein College of Medicine □ Bronx, NY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>8:00 - 8:20 AM</td>
<td>Introductory Anatomic and Harvest Techniques Radial Forearm Flap</td>
<td>Funk</td>
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<td>8:20 - 8:50</td>
<td>Fibula Harvest</td>
<td>Hayden</td>
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<td>8:50 - 9:15</td>
<td>Anterolateral Thigh</td>
<td>Gilbert</td>
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<td>9:15 - 9:30</td>
<td>Nerve Graft Harvest: Sural and Antebrachial Cutaneous Nerve</td>
<td>Cheney</td>
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<td>9:30 - 9:50</td>
<td>Contouring of Rib for Auricular Reconstruction</td>
<td>Cheney</td>
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<td>9:50 - 10:15</td>
<td>Coffee Break</td>
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<tr>
<td>10:15 - 12:30</td>
<td>Dissection Group I Introductory</td>
<td>Dissection Group II Advanced</td>
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<td>12:30 - 1:30</td>
<td>Lunch</td>
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<td>1:30 - 1:50</td>
<td>Surgical Approaches to the Orbit</td>
<td>Nerad</td>
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<td>1:50 - 2:15</td>
<td>Trapezius System of Flaps</td>
<td>Bradford</td>
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<td>2:15 - 2:35</td>
<td>Lateral Arm Flap</td>
<td>Urken</td>
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<tr>
<td>2:35 - 3:00</td>
<td>Subscapular System of Flaps</td>
<td>Funk</td>
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<td>3:00 - 3:20</td>
<td>Coffee Break</td>
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<tr>
<td>3:20 - 6:30</td>
<td>Dissection Group I</td>
<td>Group II</td>
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<tr>
<td>6:30 PM</td>
<td>Participants and Faculty Buses Depart for Course Dinner</td>
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## Wednesday, April 13th

**Didactic □ Beth Israel Medical Center □ New York, NY**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td>Breakfast</td>
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<tr>
<td>7:30 - 7:50</td>
<td>Free Flap Monitoring</td>
<td>Futran</td>
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<td>7:50 - 8:20</td>
<td>Advanced Recipient Vessel Selection</td>
<td>Urken</td>
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<tr>
<td>8:20 - 8:50</td>
<td>Management of Complications in Free Tissue Transfer</td>
<td>Funk</td>
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<tr>
<td>8:50 - 9:20</td>
<td>Contemporary Treatment of Oropharyngeal Cancer</td>
<td>Harrison</td>
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<td>9:20 - 9:45</td>
<td>Surgical Salvage for Oropharyngeal Cancer: Access to the Oropharynx</td>
<td>Gullane</td>
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<td>Time</td>
<td>Session</td>
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<td>9:45 - 10:10</td>
<td>Reconstruction of the Oropharynx: Reestablishment of Velopharyngeal Competence – Urken</td>
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<td>10:40 - 11:10</td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>11:10 - 11:35</td>
<td>Contemporary Management of Skull Base Tumors – Gullane</td>
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<td>11:35 - 12:00</td>
<td>Interventional Radiology for Skull Base Tumors – Berenstein</td>
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<td>12:00 - 12:30</td>
<td>Surgical Approaches to the Cranial Base – Persky</td>
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<td>12:30 - 1:15</td>
<td><strong>Lunch</strong></td>
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<td>1:15 - 1:45</td>
<td>Comprehensive Approach to Reconstruction of the Skull Base – Funk</td>
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<td>1:45 - 2:05</td>
<td>Image Guidance for Cranial Base Surgery - Fried</td>
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<td>2:05 - 2:35</td>
<td>Auricular Reconstruction – Cheney</td>
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<td>2:35 - 3:05</td>
<td>Functional Reconstruction of Composite Cheek Defects – Urken</td>
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<td>3:05 - 3:20</td>
<td><strong>Coffee Break</strong></td>
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<td>3:20 - 3:50</td>
<td>Comprehensive Approach to Facial Reanimation – Cheney</td>
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<td>3:50 - 4:40</td>
<td>Contemporary Management of Melanoma of the Head and Neck – Bradford</td>
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<td>4:40 - 5:10</td>
<td>Systemic Therapy for Melanoma: Where Are We in 2005? – Blum</td>
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<td>5:10 - 5:20</td>
<td>Sentinel Node Biopsy for Mucosal Based Malignancies: Is This a Viable Strategy? – Bradford</td>
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<td>5:20 - 5:50</td>
<td>Management of Vascular Malformations in Children – Waner</td>
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<td>5:50 - 6:15</td>
<td>Management of Vascular Malformations in Adults – Persky</td>
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<td>6:45 - 8:00 PM</td>
<td><strong>Breakout Sessions</strong></td>
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<td>Contemporary Management of Pediatric Sarcomas – Carroll, Harrison, Urken</td>
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<td>Challenging Cases of Cutaneous Malignancies – Weber, Bradford, Geronemus, Zimbler</td>
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<td>Contemporary Nutritional Assessment and Management of the Head and Neck Cancer Patient – Seres, Mechanick</td>
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<tr>
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<td>Skull Base Tumor Board – Fried, Persky, Berenstein, Funk, Sen</td>
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</tbody>
</table>
Thursday, April 14th

Laboratory  ■  Albert Einstein College of Medicine  ■  Bronx, NY

**Group I Moderator – Futran**

- 8:00 - 8:20 AM  Temporoparietal Fascial Flap – Gilbert
- 8:20 - 8:35  Temporalis Flap – Cheney
- 8:35 - 8:55  Posterior Scalping Flap – Urken
- 8:55 - 9:15  Harvest of Calvarial Bone Graft – Buchbinder
- 9:15 - 9:35  Gracilis Flap – Gilbert

**9:35 - 10:00  Coffee Break**

- 10:00 - 12:30  Dissection by Group I

**Group II Moderator – Urken**

- 8:00 - 9:00  Surgical Approaches to the Cranial Base – Persky
- 9:00 - 10:00  Approaches to the Parapharyngeal Space – Persky, Buchbinder

**10:00 - 10:20  Coffee Break**

- 10:20 - 11:20  Insetting of the TPFF and Cartilage for Laryngeal Reconstruction – Gilbert
- 11:20 - 12:00  Thyroid-Tracheal Autograft for Laryngeal Reconstruction – Urken
- 12:00 - 12:30  Supracricoid Laryngectomy – Weinstein
- 10:30 - 12:30  Dissections by Group II

**12:30 - 1:30  Lunch**

- 1:30 - 1:50  Fabrication of the Cartilaginous Framework in Auricular Reconstruction – Cheney
- 1:50 - 2:10  Iliac Crest Anatomy and Harvest – Cornelius
- 2:10 - 2:30  Rectus Abdominus – Kontio
- 2:30 - 2:45  Submental Flap – Urken
- 2:45 - 3:00  Visceral Flap Harvest: What the Head and Neck Surgeon Needs to Know – Hayden

**3:00 - 3:30  Coffee Break**

- 3:30 - 6:30  Anatomic Dissection
- 7:00 PM  Return to Manhattan
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:00 - 7:30 AM</td>
<td>Breakfast</td>
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<tr>
<td>7:30 - 8:00</td>
<td>The Role of Radiation in Treating Laryngeal Cancer – Harrison</td>
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<tr>
<td>8:00 - 8:30</td>
<td>Nonsurgical Strategies for Treating Laryngeal Cancer – Kies</td>
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<tr>
<td>8:30 - 9:00</td>
<td>The Contemporary Role of Partial Laryngeal Surgery – Weinstein</td>
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<td>9:00 - 9:30</td>
<td>Salvage Surgery for Failure of Organ Preservation Therapy – Gilbert</td>
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<td>9:30 - 10:00</td>
<td>Endoscopic Resection of Laryngeal Cancer – Smith</td>
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<td>10:00 - 10:30</td>
<td>Coffee Break</td>
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<tr>
<td>10:30 - 10:50</td>
<td>Reconstruction of the Cricoid Cartilage with the Thyroid-tracheal</td>
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<td>Autograft – Urken</td>
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<td>10:50 - 11:10</td>
<td>Management of the Neck After Chemo RT – Smith</td>
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<td>11:10 - 12:00</td>
<td>Panel Discussion on Laryngeal Cancer</td>
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<td>Moderator – Gilbert</td>
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<td>Panel – Kies, Weber, Harrison, Urken, Weinstein</td>
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<tr>
<td>12:00 - 1:00</td>
<td>Lunch</td>
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<tr>
<td>1:00 - 1:30</td>
<td>Contemporary Management of Hypopharyngeal Cancer – Weber</td>
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<td>1:30 - 2:00</td>
<td>Novel Strategies for Treating Head and Neck Cancer – Kies</td>
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<tr>
<td>2:00 - 2:30</td>
<td>Reconstruction of the Hypopharynx and the Pharyngoesophageal Segment – Hayden</td>
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<td>2:30 - 2:50</td>
<td>Management of Esophageal and Hypopharyngeal Stenoses</td>
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<td>Following Multimodal Therapy for UADT Cancer – Urken</td>
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<td>2:50 - 3:20</td>
<td>Coffee Break</td>
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<tr>
<td>3:20 - 3:50</td>
<td>Surgical Management of Salivary Cancer – Weber</td>
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<td>3:50 - 4:15</td>
<td>Radiation Therapy In Salivary Neoplasms – Harrison</td>
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<tr>
<td>4:15 PM</td>
<td>Course Adjourns</td>
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</tbody>
</table>
We gratefully acknowledge the generous support in the form of unrestricted educational grants from the Thyroid Head and Neck Cancer Foundation (THANC) and SYNTHES Maxillofacial.
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